



Serial No. 09/896,085

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

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Patent Application

Inventor(s): D. T. Neilson
R. Ryf

Case: 8-4

Serial No.: 09/896,085

Group Art Unit: 2874

Filed: June 29, 2001

Examiner: Kevin S. Wood

Title: Imaging Technique For Use With Optical MEMS Devices

THE COMMISSIONER OF PATENTS AND TRADEMARKS
WASHINGTON, D.C. 20231

SIR:

AMENDMENT

In response to the Office Action dated May 22, 2002, please amend the above-identified application as follows:

IN THE CLAIMS

Please substitute the indicated replacement claims for the like numbered claims presently on file.

Replacement claim 1

1. An optical switch, comprising
a first micro-electro mechanical system (MEMS) device containing a first number
of micro mirrors tiltable about at least a first axis;
a second micro-electromechanical system (MEMS) device containing a second
number of micro mirrors tiltable about at least said first axis; and
a first imaging system optically coupled to said first MEMS device so as to
produce an image of each of said micro mirrors of said first MEMS device on a
corresponding micro mirror of said second MEMS device;
so that at least one of said micro mirrors of said first MEMS device is grouped
with at least one of said micro mirrors of said second MEMS device such that the angle of
reflection from said at least one grouped micro mirror of said first MEMS device and the